CURRICULUM VITAE

David S. Sollenberger
Seed Conservation Specialist
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Professional Experiences

Chicago Botanic Garden's Dixon National Tallgrass Prairie Seed Bank/Dec 2007 - present
Seed Conservation Specialist
Responsible for processing and banking the seed collection.

Determines species to be collected across the Midwest for the Bank's restoration collection.

Collects seeds regionally for the Seed Bank.

Assists in creating and distributing promotional materials for the Bank.

Assists in recruiting individuals and organizations to contribute to the Seed Bank.

Land Resource Management Group/March 2006 – Dec 2007
Restoration Ecologist
Responsible for the ecological management of the Company's native habitat restoration projects.

Assisted in the design and installation of the Company's native habitat restoration projects.

Chicago Botanic Garden/Nov 1980 – January 2006
Ecologist
Instrumental in planning, implementing and interpreting the Chicago Botanic Garden's Suzanne S. Dixon Prairie Exhibit; a project unique in its scope and content. Responsible for the ecological management of the prairies within the exhibit.

Initiated long-term vegetation sampling of several of the prairies to monitor change in the community, determine trends and ultimately select appropriate management strategies.

Currently developing experiments to identify the factors responsible for impeding the development of prairie communities on engineered soil environments.

Curator of the Botanic Garden's woodland from 1980-90 (in addition to prairie responsibilities).

Co-developed volunteer and intern programs to assist in the development and management of the prairie exhibit. Directly trains and supervises the volunteers and student interns participating in the program.

Assists colleagues with ecological management strategies for the Botanic Garden's Mary Mix McDonald Woodland and Skokie River Corridor.

Involved in educational programs featuring the prairie exhibit and other native habitats in the region.

The Field Museum of Natural History/November 2003 – present
Contract illustrator
Illustrates the cellular oil bodies of the liverworts of New Zealand.

The Morton Arboretum /May 1979 – Aug 1979
Seasonal employee
Trained to identify the flora of the Schulenberg Prairie.

Assisted in the management of the Schulenberg Prairie restoration.

Education

Associate of Science		Elgin Community College, Elgin, IL 1978
Bachelor of Arts	Botany	Southern Illinois University, Carbondale, IL 1980

Publications

1984 "Fen Construction in Restored Prairie will Provide Opportunity for pH Studies", Restoration & Management Notes, 84: 31.

1984 "Propagation of Mesic Prairie Plants in 1982 and 1983 at the Chicago Botanic Garden", Sixth Northern Illinois Prairie Workshop (Proceedings), 84.

1986 "Turnbull Woods – Phenology" (with Thomas Antonio), Garden Talk, 1(4): 5-6.

1986 "The Nature Trail – Spring Wildflower Guide" (with Thomas Antonio).

1988 "Prairies: A Study of Ice, Wind and Fire", Garden Talk 3(4): 1, 4, 10.

1991 "Gravel Hill Prairie – An Intriguing Addition", Garden Talk, December. 6(12): 1, 7.

1992 "Chicago Botanic Garden Expands Prairie Exhibit", Restoration and Management Notes, 10(1): 76, 77.

1992 "Focus on the Fen/the Botanic Garden's Challenge", Garden Talk, March. 7(5): 3, 7.

1994 " Prairie a la 'Mowed'", Garden Talk, August. 9(8): 4-5.

1994 "Constructing a Hibernaculum for the Western Fox Snake", Restoration and Management Notes, 12: 1.

2007 Lara V. Jefferson, Marcello Pennacchio, Kayri Havens, Britt Forsberg, David Sollenberger and James Ault. Ex Situ Germination Responses of Midwestern USA Prairie Species to Plant Derived Smoke. American Midland Naturalist. 1159:252-256.

2009 Pati Vitt, Kayri Havens, Andrea T. Kramer, David Sollenberger, Emily Yates. Assisted migration of plants: Changes in laitudes, changes in attitudes. (Submitted: Biological Conservation).

Presentations and Posters

1984 Prairie Demonstration – Chicago Botanic Garden. American Association of Botanical Gardens and Arboreta. 1984 Annual Meeting. Edmonton, Alberta.

1984 Propagation of Prairie Species. Sixth Northern Illinois Prairie Workshop. Crystal Lake, Illinois.

1990 Volunteering in Plant Conservation: Working with the Garden's Prairie. Plant Conservation Symposium. Chicago Botanic Garden.

1993 Prairie Restoration. The Smith Symposium. Edward L. Ryerson Conservation Area. Riverwoods, Illinois.

1994 Chicago Botanic Garden: A Multi-Faceted Restoration Program (with James Steffen and Susanne Masi). Society for Ecological Restoration-Sixth Annual Conference. Lansing, Michigan.

2004 Dragonflies and Allies. Lake Management Association Annual Meeting. Chicago Botanic Garden.

2008 Yates, E.D., D. Sollenberger and P. Vitt. Seeds of Success Dixon Tallgrass Prairie Seed Bank Project at the Chicago Botanic Garden. The 21st North American Prairie Conference, Winona State University, Winona, Minn.

2008 Sollenberger, D., E.D. Yates and P. Vitt. The Seeds of Success Dixon Tallgrass Prairie Seed Bank Project: development of target species lists for restoration. The 21st North American Prairie Conference, Winona State University, Winona, Minn.

Classes Taught at CBG

1998 "Plant Identification in the Field". October.

1999 "Reconstructing Prairie on an Acre or Less". September.

2000 "Peatlands Tour". June.

2000 "Local Flora II" - Naturalist Certificate Course. June-July.

2000 "Methods in Restoration Ecology: Tallgrass Prairie" - Naturalist Certificate Course. October.

2001 "Ecology of Prairies". February.

2001 "Introduction to Natural Areas Management" – Naturalist Certificate Course (with James Steffen and Ken Klick). October.

2001 "Plant Identification in the Field". October.

2002 "Local Flora II"- Naturalist Certificate Course. June-July.

2002 "McCormick Ravine Tour". October.

2003 "Introduction to Local Dragonflies". July.

2003 "Methods in Restoration Ecology: Hill Prairies" - Naturalist Certificate Course.

2003 "Introduction to Natural Areas Management" – Naturalist Certificate Course (with James Steffen and Ken Klick). October.

2004 "Local Flora II" – Naturalist Certificate Course. June-July.

2004 "Introduction to Local Dragonflies". July.

2004 "McCormick Ravine Tour". October.

2004 "Plant Identification in the Field". October.

2005 "Fall Wildflower Field Identification". September.

2008 "Introduction to Local Dragonflies". July.

2008 "Prairie Plant Identification in the Field". September.

2009 "Nature Preserve Botanical Walks: Ryerson Conservation Area". May.

2009 "Nature Preserve Botanical Walks: Lake in the Hills Fen". July.

2009 "Introduction to Local Dragonflies". July.

2009 "Nature Preserve Botanical Walks: Illinois Beach State Park". September.

2010 "Nature Preserve Botanical Walks: Ryerson Conservation Area". May.

2010 "Nature Preserve Baotanical Walks: Illinois Beach State Park". July.